

KOCHERGIN, A.S.

Contactless converters. Avtom. telec. i svias' 3 no.12:39
D '59. (NIRA 13:4)

1. Nachal'nik laboratorii Losinostrovskogo elektrotekhnicheskogo
zavoda imeni J.M.Dzerzhinskogo.
(Electric current converter)

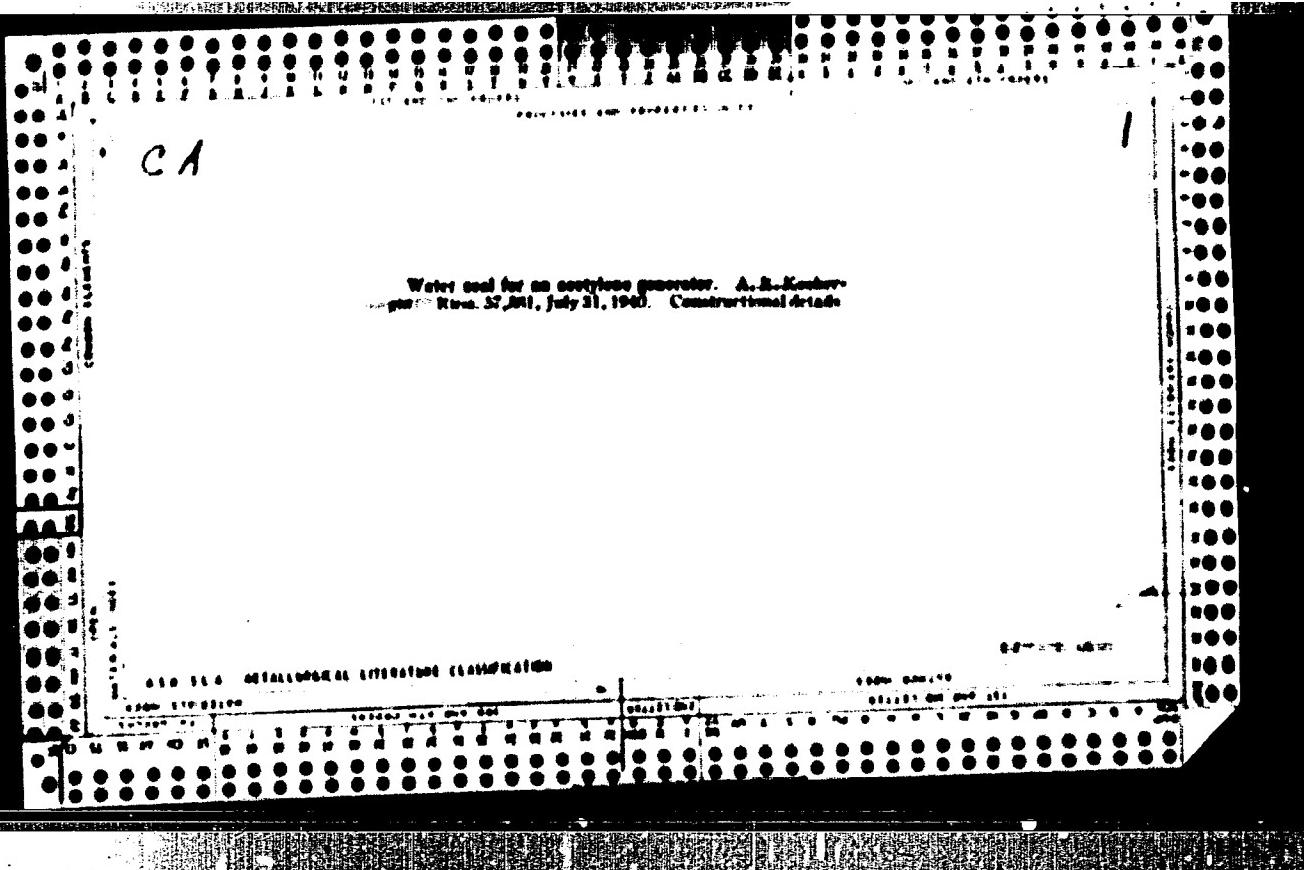
KOCHERGIN, A.S., insh.

An AVU-60-type automatic ringing device. Avtom., telec, i svias'
7 no.1:11-12 Ja '63. (MIRA 16:2)
(Telephone—Equipment and supplies)

The relation between the exchange capacity of acids and the reaction of the medium. A. P. H. J. van der Veen, J. G. M. R. H. J. Nien, E. Z. van der Velde. Nederlandsche Tijdschrift voor de Dierkunde, 1948, 25, 145-152. From a study of a series of acids the same results became apparent, a protonated base, gluconic acid, sulphuric acid and boric acid. From this point it was found that between pH 4.8 and 8.0 the exchange capacity is approx. a linear function of the pH. The value of exchange capacity, to be used in connection with the data of buffering properties of acids for cations, resulted from values of exchange capacity of acids at pH 7.0.

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723510004-9



APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723510004-9"

CA

15

The importance of fertilizing in the production of high and
stable yields of wheat wheat in India. A. P. Duggar,
O. A. Oparanoche, and E. J. McHorter, Istituto di Ricerca
per i Cereali Crops, Ondok, Nigeria. A publication 1964, p.
105; Cereal. Jour. 1965, 6(7)-8.—Wheat wheat often matures
with various specific fertilizing treatments in the top soil. Report
M. G. Morris

2015 OCHIGUOVA, G. A. I KOCHERGIN, A. E. Prichiny Nizkogo Plojshchika
otnogo Sloya Priirtyshskogo Chernozerna I Put'i ikh Ustraneniye (Osnovnyye i vody)
Trudy Yubileynoy Sessii, Posuyashch. Stolatiyu So Dnya Rezhimeniya Dokuchayeva
M. - L., 1949, 3, 319-20

SO: Letopis', No. 33, 1949

cut

10

The application of granulated fertilizers on the chromosome
of Roberts (A. N. Kuchugan and T. A. Chirapunova (1969)
of South India (1969). Ind. Zemel'noye Khoz. i Sred.
Lemi. 9, No. 12, 43-46(1969)). Fertilizer tests with dif-
ferent crops show that granulated phosphates have increased
slightly the P content of the crops.

Whether it comes in coarse or fine granules, compost and superphosphate are better absorbed by plants than the mineral form. The availability of P in the mineral form is lower than that of fine granules of compost and superphosphate due to its greater resistance than that of fine particles. Mineral availability was high in soil which had been available P which was added in the organic granules. Coarse and high doses of P and K, can be produced by including appropriate salts in the granules.

SILLS & FARR. (A. G. P.)

KOCHERGIN, A.E.

Sidedressing with nitrogen of winter grains on chernozem in Siberia.
Doklady Tsvetov. Akad. Sel'sko-Khos. Nauk im. V.I. Lenina 10, No.2,
24-9 '53. (MLRA 6:3)
(CA 47 no.14:7143 '53)

KUCHERGIN, A. E.

12091* (Effectiveness of Compound Fertilizers on Cultivation of Spelt.) Effectiveness of compound fertilizers on cultivation of spelt. A. E. Kucherin, A. I. Kuznetsov, and V. A. Silitina. Dostizheniya Nauki i Tekhniki Optika v Sel'skom Khozyaistve, 1951, no. 4. Apr. 31-53
Manure, manures, and superphosphate tested on summer wheat with different preparation. Table.

KOCHERGIN, A. [E.]

Battelle Technical Review
July 1954
Agriculture

(D)

9124* Fertilizing Winter Crops. (Russian.) A. Kochergin.
Kolchinoe Proizvodstvo, v. 14, no. 2, Feb. 1954, p. 34-35.
Advantages of mineral and organic fertilizers applied in the
spring.

USSR / Cultivated Plants, Grains.
APPROVED FOR RELEASE: 09/18/2001. CIA-RDP86-00513R000723510004-9"

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24967

Author : Kochergin, A. Ye.

Inst : The Siberian S.R.I. of Agriculture

Title : The Use of Mineral Fertilizers for Grain Crops on
Siberian Chernozem Soils

Orig Pub: Zemledeliye, 1956, No 11, 34-41

Abstract: Data is given which was collected by the Siberian
Scientific Research Institute of Agriculture and
experimental institutions of the chernozem soil
zone of Siberia on the effect of mineral fertil-
izers on the summer wheat yield. A large quantity
of nitrates accumulates on the chernozem soils dur-
ing the period of fallowing. Phosphorus fertil-
izers are most effective when planting on the fal-
lows and during the early fall plowing, and phos-

Card 1/2

Can Agri Sci

KOCHERGIN - 4/.

APANAS'Yeva, A.L., kand.biologicheskikh nauk; BAYERTUYEV, A.A., kand.sciences of agriculture and forestry; BAL'CHUGOV, A.V., kand.sciences of agriculture and forestry; BELOZEROVA, N.A., agronom; BELOZOROV, A.T., kand.sciences of agriculture and forestry; MAKSIAMENKO, V.P., agronom; BEREIKOV, V.V., doktor sciencies of agriculture and forestry; BOGDANOV, S.T., kand.sciences of agriculture and forestry; VOLYNTS, O.S., agronom; BOGDROV, M.S., kand.sciences of agriculture and forestry; KHRUPPA, I.F., kand.tehnicheskikh nauk; VERNIK, A.R., doktor biologicheskikh nauk; VOZBUTSKAYA, A.Ye., kand.sciences of agriculture and forestry; VYSOKOS, G.P., kand.biologicheskikh nauk; GALDIN, M.V., inzhener-mekhanik; GURASIMOV, S.A., kand.tehnicheskikh nauk; GORSHEKIN, K.P., doktor sciencies of agriculture and forestry; YELIKOV, A.V., inzhener-mekhanik; GURASKEVICH, S.V., mekanik [deceased]; ZHARIKOVA, L.D., kand.sciences of agriculture and forestry; ZHIGALOV, I.S., kand.tehnicheskikh nauk; ZIMINA, Ye.A., agronom; BARANOV, V.V., kand.tehnicheskikh nauk; PAVLOV, V.D.; IVANOV, V.K., kand.sciences of agriculture and forestry; KAPLAN, S.M., kand.sciences of agriculture and forestry; KATIN-YARTSEV, L.V., kand.sciences of agriculture and forestry; KOPTIRIN, V.I., doktor sciencies of agriculture and forestry; KOCHERGIN, Ye., kand.sciences of agriculture and forestry; KOZHMOVNIKOV, A.N., kand.sciences of agriculture and forestry; KUZNITSOV, I.M., kand.sciences of agriculture and forestry; LAMBIN, A.Z., doktor biologicheskikh nauk; LEONT'YEV, S.I., kand.sciences of agriculture and forestry; MAYBORODA, N.M., kand.sciences of agriculture and forestry; MEL'NIKOV, O.A., inzhener; ZHDANOV, B.A., kand.sciences of agriculture and forestry; MIKHAYLENKO, M.A., kand.sciences of agriculture and forestry; MAOLIEVTSYVA, N.A., kand.sciences of agriculture and forestry;

(Continued on next card)

AYAMAS'Yeva, A.L.... (continued) Card 2.

NIKIPOROV, P.Ye., kand.sel'skokhozyaystvennykh nauk; NEFASHEV, N.I.,
lesoved; PERVUSHINA, A.N., agronom; PLOTNIKOV, N.A., kand.biol.nauk;
L.G.; kand.sel'skokhozyaystvennykh nauk; PAVLOV, V.D., kand.tekhn.
nauk; PRUTSKOVA, M.O., kand.sel'skokhozyaystvennykh nauk; GURCHENKO,
V.S., agronom; POPOVA, O.I., kand. sel'skokhozyaystvennykh nauk;
PORTYANKO, A.P., agronom; RUCHKIN, V.N., prof.; RUSHKOVSKIY, T.V.,
agronom; SAVITSKIY, M.S., kand.sel'skokhozyaystvennykh nauk; BOLDIN,
D.T., agronom; NESTAROVA, A.V., agronom; SERAFIMOVICH, L.B., kand.
tekhn.nauk; SMIRNOV, I.N., kand.sel'skokhozyaystvennykh nauk;
SEREBRYANSKAYA, P.I., kand.tekhn.nauk; TOKITUYEV, A.V., kand. sel'sko-
khozyaystvennykh nauk; PAL'KO, O.S., iZH.,; FEDYUSHIN, A.V., doktor
biol.nauk; SHIVLYAGIN, A.I., kand.sel'skokhozyaystvennykh nauk;
TUFEROV, V.A., kand.sel'skokhozyaystvennykh nauk; YAKHTENOKL'D. P.A.,
kand.sel'skokhozyaystvennykh nauk; SEMENOVSKIY, A.A., red.; GOR'KOVA,
Z.D., tekhn.red.

[Handbook for Siberian agriculturists] Spravochnik kniga agronomov
Sibiri. Moskva, Gos. izd-vo sel'khoz. lit-ry. Vol.1. 1957. 964 p.
(Siberia-Agriculture) (MIRA 11:2)

Country : USSR
Category: Soil Science. Mineral Fertilizers.

J

Abs Jour: RZhBiol , No 18, 1958, No 82109

Author : Kochergin, A. Ya.; Ostroumova, O.A.
Inst : ~~Central Institute of Soil Science~~

Title : The Effect of Organic and Mineral Fertilizers on Soils of
Siberia (Summary of Works of Experimental Institutions of
Siberia on the Study of Fertilization)

Orig Pub: Udobren ye i urozhay, 1957, No 8, 8-15

Abstract: Results are presented of experiments made by the Siberian Agricultural Institute and other experimental stations showing the high effectiveness in Siberian soils of composts of semi-rotted manure with phosphorite fertilizer and P_c , which was especially prepared and

Card : 1/2

· APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510004-9"

Country : USSR
Category: Soil Science. Mineral Fertilizers.

J

Abs Jour: RZhBiol , No 18, 1958, No 82109

added with the fall peat-manure composts in the proportion of manure to peat of 1:1 - 1:7, composts of peat with mineral fertilizer, and peat vivianite. The harvest of grains planted in the busy season, at a later plowing, and the beds of perennial grasses of the fall plowing was increased by the mineral fertilizers of N . Phosphorus increased the crop of grains on chernozem, solonetz, and podzolic soils, but the potassium only on the black earth type of podzolic soils and also the harvest of sugar beets on clean chernozem fallow. P_c gave the best results in doses of 60-70 centner in 1 hectare with deep embedding and also when applied to the rows in doses of 50-100 kg in 1 hectare. -- N.N. Sol'cov

Card : 2/2

KOCHERGIN, Aleksey Yefimovich; KOVAL'CHUK, Aleksey Maksimovich;
PETROV, I.F., red.; MEL'NIKOV, V.I., tekhn. red.

[Fertilizing soils of the non-Chernozem zone] Udobrenie
pochv nechernozemnoi zony. Omsk, Omskoe knizhnoe izd-vo,
1960. 63 p. (MIRA 15:10)
(Omsk Province--Fertilizers and manures)

KOCHERGIN, A.Ye., kand.sel'skokhozyaystvennykh nauk

How to fertilize and when to sow spring wheat in Siberia.
Zemledelie 23 no.3:76-82 Mr '61, (MIRA 14:3)

1. Sibirskiy ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skiy institut sel'skogo khozyaystva.
(Siberia—Wheat)

KICHERGIN, A.Ye., cand. sel'skokhoz. nauk

Determining nitrogen fertilizer requirements of grain crops in
Chernozem soils of Western Siberia. Dokl. Akad. sel'skokhoz. nauk
no.215-6 P '65. (MIRA 1815)

I. Sibirski, nauchno-issledovatel'skiy institut sel'skogo
khozyaystva.

TROFIMOV, S.S., kand. sel'khoz.nauk, st. nauchn. sotr.; HRYLEV,
V.K.; KOCHERGIN, A.Ye., kand. sel'khoz. nauk; KUZNETSOVA,
L.Z.; KORLYAKOV, T.T., kand. sel'khoz. nauk, st. nauchn.
sotr.; KOSTROMITIN, V.B.; MIKHAYLOV, M.I.; POPOV, P.D.,
red.

[Soils of the Kuznetsk Basin, a map as the face of a field,
laboratory of fertility, vitamins of the earth, protectors
of crops, enrichment of feed] Pochvy Kuzbassa, karta -
litso polei, laboratoriia plesorodii, vitaminy zemli, za-
shchitniki posevov, obogashchenie korma. Kemerovo, Keme-
rovskoe knishnoe izd-vo, 1964. 92 p. (MIRA 18:5)

1. Biologicheskiy institut Sibirskego otdeleniya AN SSSR
(for Trofimov).
2. Zaveduyushchiy laboratoriyez zashchity
rasteniy Kemerovskoy sel'skokhozyaystvennoy optytnoy stantsii
(for Kostromitin).
3. Zaveduyushchiy etdelom zhivotnovod-
stva Kemerovskoy sel'skokhozyaystvennoy optytnoy stantsii
(for Mikhaylov).
4. Zaveduyushchiy agrokhimicheskoy labo-
ratoriyez Sibirskego nauchno-issledovatel'skogo instituta
sel'skogo khozyaystva (for Kochergin).
5. Zaveduyushchaya
agrokhimicheskoy laboratoriyez Kemerovskoy sel'skokhozyay-
stvennoy optytnoy stantsii (for Kuznetsova).
6. Kemerov-
skaya sel'skokhozyaystvennaya optytnaya stantsiya (for
Korlyakov).

KOCHERGIN, D. A.

20.

H. A.

The Welding of Pressure Vessels made from Sheet Aluminum Alloy AMTs
D. A. Litvinov and D. A. Kochergin (Avtorg. Dale, 1949, (3), 6-8).--
(In Russian). L. and K. carried out an extensive investigation of welding
articles from the aluminum alloy AMTs of thickness 18-25 mm. and obtained
the necessary data for fabricating welded thick-walled pressure vessels.
Tables are given of the mechanical properties of the welded metal, showing
comparisons between gas-and arc-welding, between two different types of
welding-rod material (AK and AMTs), and also between the longitudinal and
transverse properties of the weld seam. X-ray and hydraulic testing of the
vessels after welding showed the results being entirely satisfactory.-W.J.K.

Kohergin, D. A.

AUTHOR: Kohergin, D.A., Engineer 135-58-4-11/19

TITLE: Shielded Arc Cutting of Aluminum by a Tungsten Electrode
("Ugovaya rezka alyuminiya vol'framovym elektrodom v srede zashchitnykh gazov")

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 4, pp 34-36 (USSR)

ABSTRACT: In 1956, the NIAT Welding Laboratory carried out experiments in the process named in the title and developed the special torch, described and illustrated in this article. A converter of the "PS-500" type with 90 v idle-run voltage of the generator was used as a power source. The results of tests were satisfactory. The information includes a description and photograph of the welding tractor ArDS-400-2. There are 5 figures.

AVAILABLE: Library of Congress

Card 1/1

KOCHERGIN, F.V.; POLESHCHUK, Yu.M.

Millet in the Central Chernozem Region. Zemledelie 25 no.5;
60-62 My '63.
(MIRA 16:7)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
Tsentral'no-chernozemnoy polosy imeni V.V.Dokuchayeva.
(Central Chernozem Region--Millet)

SKACHKOV, I.A.; YELAGIN, I.N.; KOCHERGIN, F.V.; POLESHCHUK,
Yu.M.; BOLDYREV, M.D.; MOKSHIN, P.N.; GOMENTUK, L.I.,
red.

[Millet production on leading farms] Proizvodstvo prosa
v perekovykh khoziaistvakh. Moskva, Kолос, 1965. 134 p.
(MIRA 18:7)

1. Direktor Nauchno-issledovatel'skogo instituta sel'skogo
khozyaystva tsentral'no-chernozemnoy polosy im. V.V.Doku-
chayeva (for Skachkov). 2. Glavnyy spetsialist po zerno-
bobovym i krupyanym kul'turam Ministerstva sel'skogo
khozyaystva SSSR (for Yelagin). 3. Nauchno-issledovatel'-
skiy institut sel'skogo khozyaystva trentral'no-
chernozemnoy polosy im. V.V.Dokuchayeva (for Kochergin,
Poleshchuk, Boldyrev, Mokshin).

KOCHERGIN, A.; CHEREMYKH, M.; KONONTSEV, I.; MALIOVANOV, D.; MALEVICH, N.;
RATS, A.; LESIK, M.; KHOKHLOVKIN, D.; FEDOTOV, A.

Remarks on the book "Machines and equipment in mining." Vol. 1. "Mining
equipment." F.O.Boiko and others. Reviewed by G.Kochergin, M.Cheremykh,
I.Konontsev, D.Maliovany, N.Malevich, A.Rats, M.Lesik, D.Khokhlovkin,
A.Fedotov. Ugol' 29 no.11:46-48 '54.
(MLA 7:11)

1. Glavnnyy mekhanik Upravleniya po stroitel'stvu shakht v Donbasse Ministerstva ugol'noy promyshlennosti SSSR (for Kochergin). 2. Glavnnyy konstruktor Glavstroymekhanizatsii (for Cherymykh). 3. Nachal'nik otdala nevykh mashin GUMS (for Konontsev). 4. Direktor instituta Giproshakhtostroymash (for Maliovany). 5. Glavnnyy inzhener Giproshakhtostroymasha (for Malevich). 6. Nachal'nik otdelov Giproshakhtostroymasha (for Rats, Lesik & Khokhlovkin). 7. Glavnnyy konstruktor Giproshakhtostroymasha (for Fedotov).

(Coal--Mining machinery) (Boiko, F.O.)

KOCHERGIN, G.N., gornyy inzhener; SEMIVOLOV, V.G., gornyy inzhener

Hydraulic rock hoisting in the "IUahnaia" Mine. Ugol' 36
no.11:39-40 N '61. (MIRA 14:11)
(Donets Basin--Mine hoisting--Hydraulic equipment)

KOCHERGIN, I., Director
Kolomna Veterinary-Bacteriological Lab.
"Use of DDT in the fight against gadfly of cattle."
SO: Vet. 27 (2) 1950, p. 35

KOCHERGIN, I.

Subsoil plowing is an effective cultivation practice. Zemledelie
23 no.10:78-79 0 '61. (MIRA 14:9)
(Plowing)

KOCHERGIN, I.A.

Structural control of the magnetic mineralization in the Turgay
trough. Izv. Ak Kazakh. SSR, Ser. geol. no.1:3-14 '61.
(MIRA 14:6)

(Kustanay Province—Magnetite)

KOCHEROIN, I.A.

Lithological control of magnetite mineralization in the Sokolovskoye-Sarbay deposits. Izv. AN Kazakh. SSR Ser.geol. no.2:90-96 '62.
(MIRA 15:6)
(Turgay gates--Magnetite)

KOCHERGIN, I.P.

Nikolai Vasil'evich Sklifosovskii. Mauka i shina' 21 no.12:35-36
D '54.
(MLRA 8:1)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(Sklifosovskii, Nikolai Vasil'evich, 1836-1904)

OIRGOLOV, S.S., professor (Leningrad); LEVIT, V.S., professor (Moskva);
BABCHIN, I.S., professor (Leningrad); BAKULEV, A.N., professor
(Moskva); BERNERMAN, L.S., dotsent (Leningrad); VATIMSHTEYN, V.O.,
professor (Leningrad); GRETSEKOV, V.G., professor (Kazan');
GINZBURG, M.M., professor (Moskva) [deceased]; GOTLIB, Ya.D.,
professor (Moskva); DZHANELIDZE, Yu.Yu., professor (Leningrad);
DRACHINSKAYA, Ye.S., dotsent (Leningrad); YAKOVSKIY, N.N., professor
(Leningrad); KORNEV, P.O., professor (Leningrad); KOCHETKOV, I.P.,
professor (Moskva); LIMBERG, A.A., professor (Leningrad); LIKHOV,
B.E., professor (Moskva); MIZZHENY, S.A., dotsent (Leningrad);
NAZAROV, V.M., professor (Leningrad); OZEROV, A.D., professor (Leningrad)
[deceased]; OGURZ-SAKHNE, N.Yu., professor (Leningrad) [deceased];
PETROV, N.N., professor (Leningrad); POLINOV, A.L., professor (Leningrad);
SAMARIN, N.P., professor (Leningrad); SHVARTS, N.V., professor
(Leningrad) [deceased]; SHAMOV, V.N., professor (Leningrad);
SHABANOV, A., redaktor

[Manual of specialised surgery] Uchebnik chastejnoi kirurgii. Soest.
I.S.Babchin i dr. Izd. 2-oe, ispr. i dop. Moskva, Narkomzdrav SSSR,
Gos. izd-vo med. lit-ry "Medgiz," Vol.1. 1946. 363 p. (MIP 10:2)
(SURGERY)

KOCHERGIN, I.G.; GARGIN, N.D.

Postoperative suppurations and their control. Khirurgia, Moskva
no. 6:19-25 Aug. 1952. (OIML 23:3)

1. Professor for Kochergin; Candidate Medical Sciences for Gargin.
2. Of the Faculty Surgical Clinic imeni Academician S. I. Spasokuk-
otskiy (Director — Prof. A. N. Bakulev), Second Moscow Medical In-
stitute imeni I. V. Stalin.

KOCHERGIN, I. O.

"Results of the First International Congress of Physicians."
Vest. AMN SSSR no. 2:24-36 '53.

(ILPA 7:1)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(Medicine—Congresses)

KOCHERGIN, I.O.

Science and organisation of disease prevention and the most important problems in regard to scientific research for 1954-1955. Vest. AMN SSSR no.1:75-87 '54.
(MIRA 7:6)

1. Predsedatel' Uchenogo soveta Ministerstva zdravookhraneniya SSSR.
2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(Medicine) (Public health)

KOCHERGIN, I.O.; BAKULEV, A.N.

Plan of basic measures for utilising scientific achievements of
1953 in medical practice and experimentation. Vest. ANU SSSR no.3:
3-12 '54.
(MIRA 7:11)

1. Zamestitel' ministra zdravookhraneniya SSSR, chlen-korrespon-
dent ANU SSSR (for Kochergin); 2. President Akademii meditsinskikh
nauk SSSR, deyatel'nyy chlen ANU SSSR (for Bakulev)
(MEDICINE,
in Russia, progr.)

KOCHERGIN, I. G. Dep. Min. Pub. Health USSR

"The Scientific Basis of Soviet Public Health Protection," Medits. Rabot.,
17, No.78, p. 2, 28 Sep 54.

Kochergin, I. G.

USSR/Scientists - Surgery

Card 1/1 Pub. 77 - 14/20

Authors : Kochergin, I. G.

Title : Nikolay Vasil'evich Sklifosovskyy

Periodical : Nauka i zhizn' 21/12, 34-36, Dec 1954

Abstract : The article is a biographical sketch commemorating the fiftieth year since the death of Nikolay Vasil'evich Sklifosovskyy (1896-1904), who was noted for his contribution to research in the field of surgery, particularly in the branch dealing with suppuration caused by wounds and the avoidance of gangrene and other complications. A description is given of the first-aid hospital in Moscow, which bears his name. Illustrations.

Institution : ...

Submitted : ...

KOCHERGIN, I.G.

KOCHERGIN, I.G., professor

Achievements of Soviet medicine. Sov. med. 19 no.1:3-6 Ja '55.
(~~MICRA 814~~)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR. 2.
Predsedatel' Uchenogo Soveta Ministerstva zdravookhraneniya SSSR.
(~~MEDICINE~~,
in Russia)

KOVRIGINA, M.; KESCHYANOV, A.; RAKULIN, I.; KOCHERGIN, I.; OPARIN, A.;
ANICHKOV, N.; KESTEROV, A.; KROPOKOV, P.; CHIKHOVSKIY, V.; TIMAKOV, V.;
SEVERIN, S.; HUDNEY, G.; SEMENOV, P.; LOVYDOVSKIY, I.; ORLOVICH, V.;
TALYSIN, P.; STEKLOV, A.; MIGUNOV, B.; SEVORTSOV, M.

A.I. Abrikosov; obituary. Vest. AN SSSR 25 no.5:65-66 My '55.
(Abrikosov, Aleksei Ivanovich, 1875-1955) (MLRA 8:7)

KOCHNER IN, I.O., professor (Moskva)

Results and certain types of failure in antibiotic therapy. *Klin.*
med., 33 no.11:3-7 N '55.
(ANTIBIOTICS, therapeutic use,
results & failures)

KUCHERENIN, I.

BAKULEV, A.N., glavnnyy redaktor; ANICHKOV, N.N., redaktor; BOLDYREV, T.Ye., redaktor; BRUSILOVSKIY, L.Ye., redaktor; BYLOV, E.M., redaktor; VASIL'ENKO, V.Eh., redaktor; VINOGRADOV, N.A., redaktor; GRASHOCHNIKOV, N.I., redaktor; DAVYDOVSKIY, I.V., redaktor; ZDRODOVSKIY, P.F., redaktor; KAVETSKIY, R.Ye., redaktor; KOCHERENIN, I.Q., redaktor; KROTKOV, F.G., redaktor; KUPRIYANOV, P.A., redaktor; LIKHACHEVSKIY, A.V., redaktor; MALINOVSKIY, N.S., redaktor; NAN'KOVSKIY, B.N., redaktor; NESTEROV, A.I., redaktor; OREBLLI, L.A., redaktor; PAVLOVSKIY, Ye.N., redaktor; SHVERIN, S.Ye., redaktor; SKYABIN, K.I., redaktor; SHIDANOV, Ye.I., redaktor; TIMAKOV, V.D., redaktor; TUR, A.F., redaktor; SHABANOV, A.N., redaktor

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244T18

or for complement fixation reaction: it is valuable in combination with them when a quick preliminary diagnosis is desired. Experiments on a large scale must be conducted in order to determine the influence of fat content in milk and timing of the resultant reaction.

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FD-1313

Card 1/1 : Pub 137-13/22

Author : Kochergin, I. I.

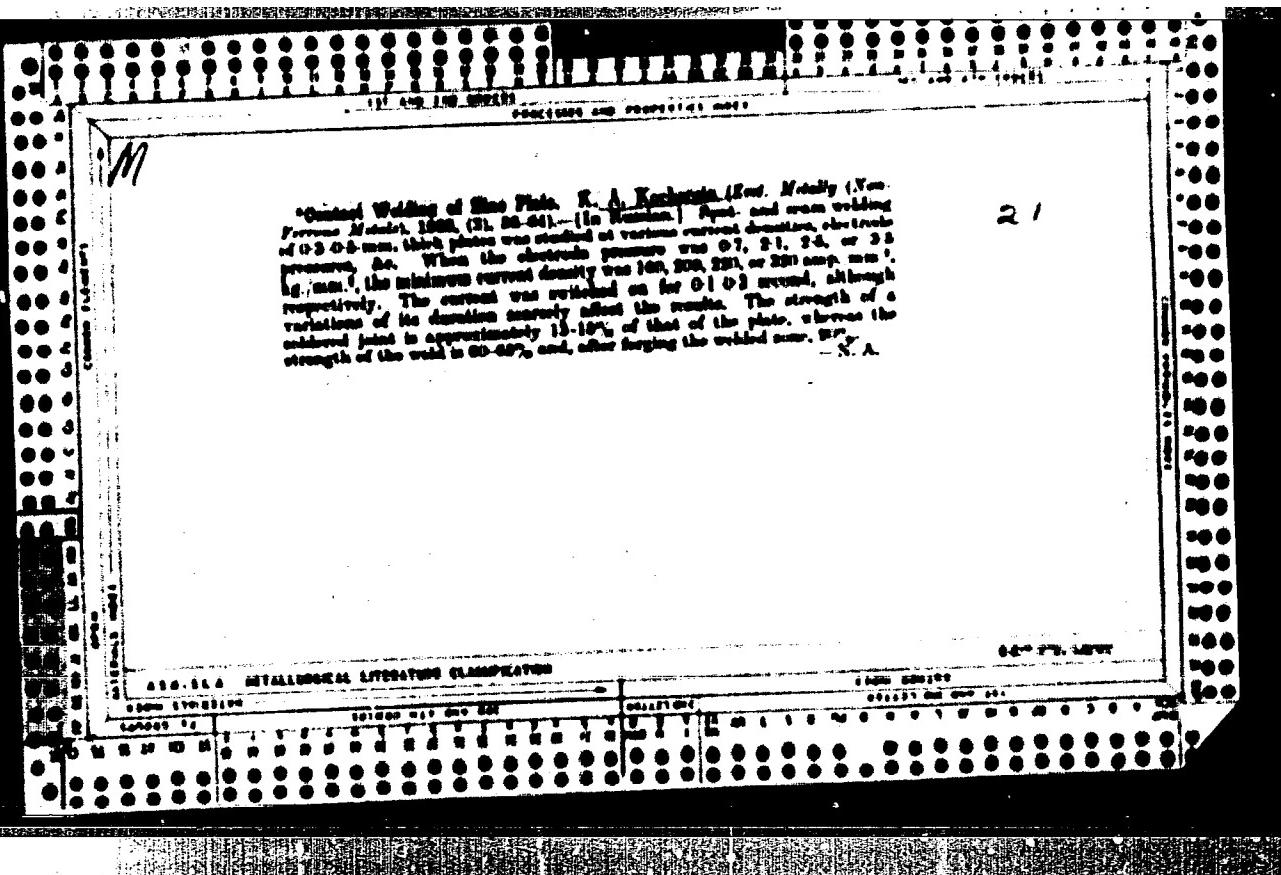
Title : Sensitivity of pathogenic microorganisms to penicillin

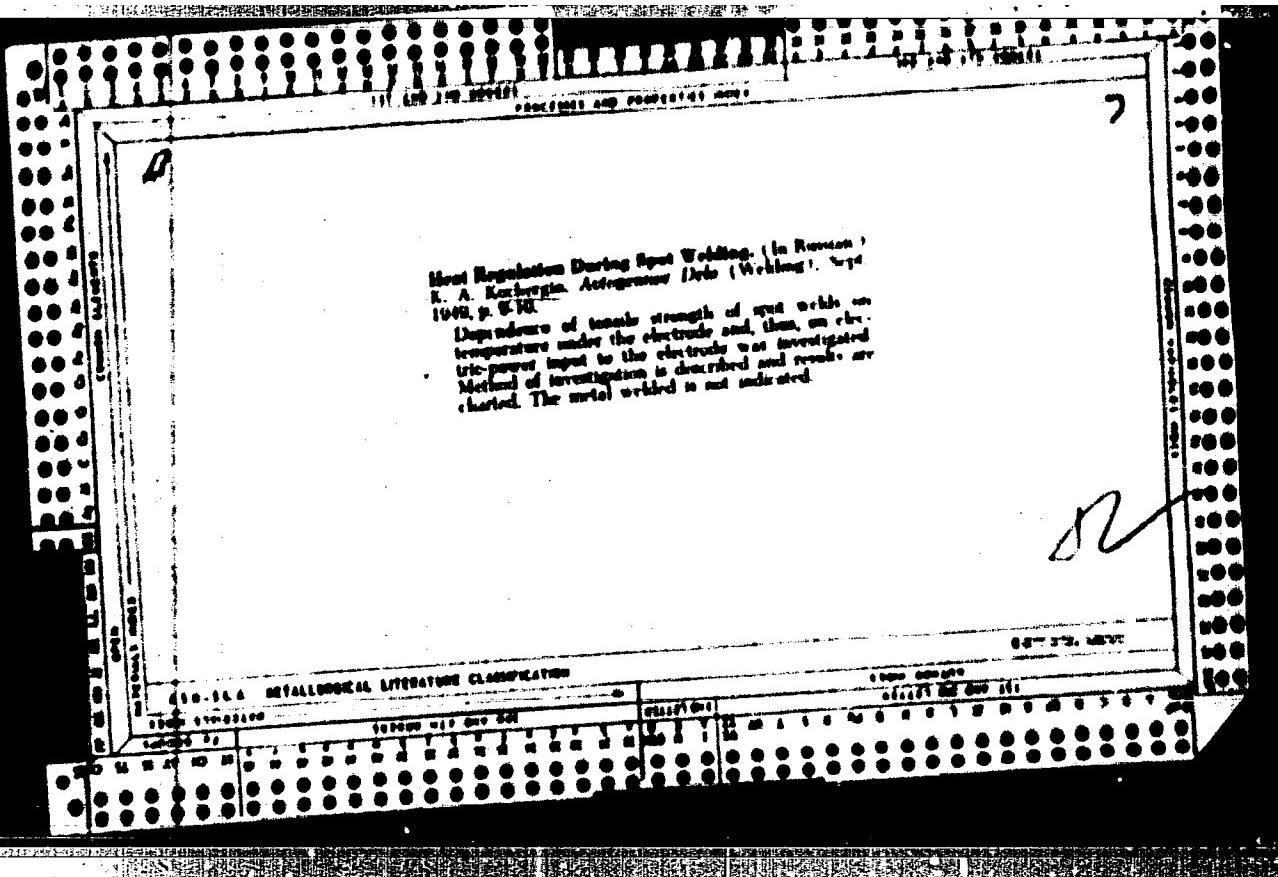
Periodical : Veterinariya, 9, 43-44, Sep 1954

Abstract : Diseases of agricultural animals, caused by highly sensitive microorganisms, can be cured rapidly enough by means of parenteral administration of penicillin. Strains of different species of microorganisms are not sensitive to penicillin in an identical manner; different strains even of the same species of microorganisms are also not sensitive to penicillin in an equal manner. Bacteriological examination of 17 strains of *B. rhumatiopathiae* sui revealed that growth of microorganisms can be checked by presence of the following doses of penicillin in the culture media: 0.031 units of 5.8%, 0.015 units of 50%, 0.007 units of 23%, and 0.0035 units of 11.8%. Similar fluctuations in sensitivity to penicillin were noted also in cultures of other strains and other species of microorganisms. Tables.

Institution : Kolomenskaya Interrayon Veterinary Bacteriological Laboratory, Moskovskaya Oblast

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nauk, dotsent, redaktor; KAPLUN, M.I.A., redaktor; PUL'KINA, Ye.A.
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retsensent; KOCHNEROV, K.A., kandidat tekhnicheskikh nauk, redaktor;
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PHASE I BOOK EXPLOITATION 1186

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Usovershenstvovaniye tekhnologii svarochnogo proizvodstva (Improving Welding Technique) [Leningrad] Lenizdat, 1957. 92 p.
(Series: Opyt novatorov leningradskoy promyshlennosti) 5,000 copies printed.

Ed.: Borshchanskaya, S.I.; Tech. Ed.: Levonevskaya, L.G.

PURPOSE: The brochure is intended for engineers and skilled welders. Its purpose is to acquaint readers with the latest advances and achievements in the welding field.

COVERAGE: The author presents in a systematic way the latest achievements of innovators in the field of arc and resistance welding. In order to widen the technical background of welders and to acquaint them with the basic factors determining the economic effectiveness of welding operations, the booklet discusses the basic postulates of welding economy. Welders A.A. Sidorov, A.A. Makarov, A.O. Shcheglova and Engineer I.V. Yashin are singled out for their contributions to welding technology. There are 4 Soviet references.

Card 1/2

Improving Welding Technique APPROVED FOR RELEASE: 09/18/2001 1186 CIA-RDP86-00513R000723510004-9"

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ASKINAZI, Boris Moiseyevich, kand. tekhn. nauk; LEVITSKIY, I.S., kand. tekhn. nauk, retsenzent; MISHIN, I.A., kand. tekhn. nauk, retsenzent; KOCHERGIN, K.A., kand.tekhn. nauk, red.; KURKINA, G.N., red. iad-va; PETERSON, H.M., tekhn. red.

[Finishing of metal surfaces by heating] Chistovaya obrabotka po-verkhnostei metallov s podogrevom. Moscow, Gos.nauchno-tekhn. iad-vo mashinostroit.lit-ry, 1961. 94 p. (MIRA 14.12)
(Metals—Finishing) (Surfaces (Technology))

KOCHERGIN, Konstantin Alekseyevich; BORSICHESKAYA, S.I., red.; TIKHONOV, I.M., tekhn. red.

[Pulsation resistance welding] Impul'snaja kontaktnaja svarka. Leningrad, Lenindat, 1961. 126 p. (MIRA 14:10)
(Electric welding)

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D215/D304

1.730

AUTHOR: Kochergin, K.A.

TITLE: Polar phenomena in welding processes

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 216,
Moscow, 1961. Svarochnoye proizvodstvo, 154 - 159

TEXT: The author gives an account of possible thermoelectric effects in welding processes. In resistance welding on d.c. or a.c. the Peltier effect will augment or oppose the Joule effect. The boundaries of liquid and solid metal will be additional zones of Peltier heat emission. The general heat balance ceases to conform to the Joule principle if the planes of contact receive deliberate conditioning or if different metals are welded e.g. Ni to steel. An Al sheet in contact with a plane Cu electrode generates only a small Peltier effect but if the Cu is plated with Ni or Cr the effect is increased 15 times. This also occurs with couples between Be or Cd and Cu or Al. To produce the effect in useful proportions at the interface between two steel sheets being spot welded one is

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Polar phenomena in welding processes

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plated with a thin Ni layer which is then oxidized to a depth of several \AA . The resultant Peltier effect can reduce welding current requirements from 10,000 to 7,700 A. Ti on duralumin serves similarly. Islands of Al cladding are sometimes observed in a.c. spot welds of clad Al alloys; this is due to selective motion of metal ions in the molten nugget under the influence of the electric and magnetic fields set up, and results from the difference in electrical resistance of the alloy and cladding. Al^{+++} ions deposit on the unfused Al islands and impede their complete solution. It is considered that a considerable part in the cold welding process is played by semi-conductive oxide films on the metal surfaces and the thermoelectric emf's set up between them and the metal under heterogeneous deformation. There are 5 figures, 3 tables and 5 Soviet-bloc references.

ASSOCIATION: Leningradskiy politekhnicheskiy institut (Leningrad Polytechnic Institute)

Card 2/2

GLUKHANOV, Nikolay Parmenovich; BOGDANOV, Valentin Nikolayevich;
ALEKSEYEV, A.A., prof., retsentent; KOCHERGIN, K.A., kand.
tekhn. nauk, red.; ONISHCHENKO, R.N., red. issd-va; SIMONOVSKIY,
N.Z., red. issd-va; PETERSON, M.M., tekhn. red.

[Welding metals with high-frequency heating] Svarka metallov
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(Metals--Welding) (Induction heating)

GROKHOL'SKIY, Nikolay Fedorovich; KOCHERGIN, K.A., kand. tekhn. nauk, retsensent; TSYRIN, A.A., kand. tekhn. nauk, red.; CHIFAS, M.A., red.izd-va; DENINA, I.A., red.izd-va; SHCHETININA, L.V., tekhn. red.

[Reconditioning parts of machines and mechanisms by welding and building up] Vosstanovlenie detalei mashin i mekhanismov svarkoi i naplavkoi. Moskva, Mashgis, 1962. 274 p.
(MIRA 16:4)

(Machinery--Maintenance and repair)
(Electric welding)

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G.I., inzh.; KOCHERGIN, K.A., kand. tekhn. nauk; NEFRASOV,
B.M., inzh.; SLOZHERO, S.K., nauchnyy red.; DONSKY, A.V.,
nauchnyy red.; DEMYANTSEVICH, V.P., nauchnyy red.; SARAFANOV,
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L.A., tekhn. red.; PERSON, M.N., tekhn. red.

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KOCHERGIN, K.A.

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111-120 '63. (MIRA 17:9)

KOCHERGIN, Konstantin Alekseyevich; KONSTANTINOV, B.P., akademik,
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red.; BORSHCHREVSKAYA, S.I., red.

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KOCHERGIN, L., insh.

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KOCHERGIN, M.I. [Kocherhin, M.I.], docent

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